

VOLVO SCREED

ULTIMAT 200



MORE CARE. BUILT IN.



HIGH DENSITY, HIGH PERFORMANCE, AND HIGH FLEXIBILITY CREATE A HIGHER STANDARD FOR SCREEDS

Every successful paving project depends on the tandem work of both the paver and the screed. The paver might get all the attention, but it's the screed that makes the mat.

Our new Ultimat® 200 is a versatile, front-mounted screed that gives you the ultimate in maneuverability around jobsite obstacles. Packed with innovative features and classic Volvo durability, the Ultimat 200 is a true 10/20 screed that offers the highest standards in paving widths, electric heat, temperature control, and raw performance.

The Ultimat 200 utilizes efficient heater bars, which can be changed out easily without removing the screed plate. There are three separate bars in each side of the main screed, so you can keep working even if one needs to be replaced. We've also improved the efficiency of the heating system by thermally insulating the screed plate, so heat stays on the plate instead of the screed frame.

For the Ultimat 200, we've freed up space by forgoing a solid state relay control box in favor of the same screed control console and heater control box used on our Omni 318 and 1000 screeds. We've also improved the stiffness of the mainframe welds and added two more rows of studs in the center of the screed plate. This prevents warping, so you can easily go from crowning back to level.

The Ultimat 200 employs a single button to operate both the primary and secondary extensions. We've also redesigned the slope cylinder mounts to improve service accessibility, and integrated new tool-storage compartments.

The Ultimat 200 offers power screw depth cranks that make the screed more receptive to manual input.

Ultimat screed dimensions

The Ultimat 200 is 3,05 m (10 ft) wide and can effectively be doubled in width with the unique Volvo double-extension system. Walkways are 508 mm (20 in) wide to provide optimal operator access and comfort, and fold up for transport and for paving in close quarters. The Ultimat 200 can also be purchased with an optional berm configuration that features an infinitely variable hydraulic outer-end adjustment, rising to a maximum of 102 mm (4 in). This berm option is available in 457 mm (18 in) for easy placement of a joint-free berm or gutter.

Control consoles

Control consoles on each section of the main screed provide effortless electrical switching control of the following features: extension, retraction, berm, crown, slope, and height of the extendable sections; auger / conveyor speed range selector and on / off override.

Ultimat extensions

Front-mounted extensions provide full heat and vibration. The high-efficiency electric heating system applies heat directly to the screed plates, providing rapid heating at start-up. Heating the screeds electrically provides a more consistent and uniform heating system, preventing the screed damage caused by warping. Vibrator amplitude is introduced by a simple hydraulic drive with variable frequency control from 17 – 42 Hz (1,000 – 2,500 rpm). Additional amplitude variation is accomplished by repositioning eight eccentric weights on the vibrator shafts.

Ultimat power

Ultimat screeds are equipped with power slope, power crown, and power extension height adjustments as standard. These functions provide greater operator control and ease of operation.



SPECIFICATIONS

Model	Ultimat 200	
Dimensions		
Basic Screed Width	m (ft)	3,05 (10)
Standard Paving Width	m (ft)	3,05 – 6,10 (10 – 20)
Paving Depth	mm (in)	6 – 203 (0.25 – 8)
Screed Plate Depth (front to rear)		
Main Screed Plate	mm (in)	724 (28.5)
Extension Screed Plate	mm (in)	216 (8.5)
Screed Plate Thickness	mm (in)	13 (0.5)
Screed Weight	kg (lb)	3 565 (7,860)
Compaction		
Vibration / Tamping System		Vibratory
Number of Vibratory Elements		4
Main Screed		2 on each
Extensions		
Vibration Speed	Hz (rpm)	17 – 42 (1,000 – 2,500)
Features		
Center Crown		Manual w/ hydraulic assist
Center Crown Adjustment Range	mm (in)	76 (3) positive / 19 (0.75) negative
Extension Slope		Electric / hydraulic
Extension Slope Adjustment Range	mm (in)	Up to 9% positive / negative 27,4 (1.08) per 304 (12)
Extension Height Adjustment Method		Electric / hydraulic
Mat Depth Control		
Manual Depth Cranks		Standard
Electric / Hydraulic Power		Standard
Automatic Grade and Slope		Optional
Heating		
Screed Heating Mechanism		Electric
Paver Model Applicability		PF6110, PF6160, PF6170

Product improvement is a continuing goal at Volvo. Designs and specifications are subject to change without notice or obligation.



Volvo Construction Equipment is different. The company's products are designed, built and supported in a different way. That difference comes from our 175-year engineering heritage. A heritage of thinking first about the people who actually use the machines. About how to make them safer, more comfortable, more productive. About the environment we all share. The result of that thinking is a growing range of machines and a global support network dedicated to helping you do more. People around the world are proud to use Volvo. And we're proud of what makes Volvo different – **More care. Built in.**



Not all products are available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.

VOLVO

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